

ATXMEGA128D4-AN





Part Number: [ATXMEGA128D4-AN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 44TQFP

Data sheet:  [ATXMEGAxx\(x\)D4 Datasheet](#)  
 [ATXMEGA D Manual](#)

RoHs Status: Lead free / RoHS Compliant

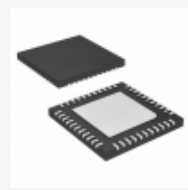
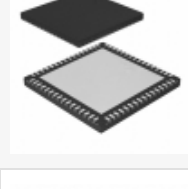
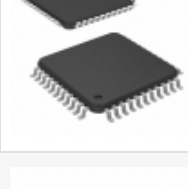
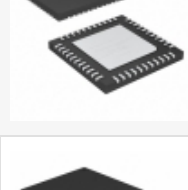
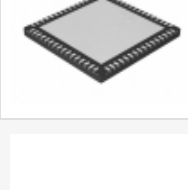
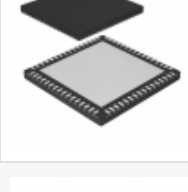
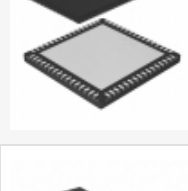
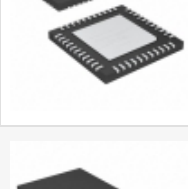
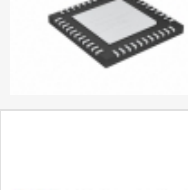
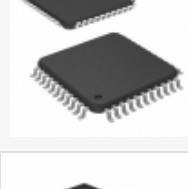
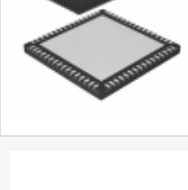
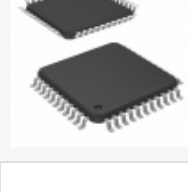
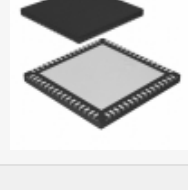
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATXMEGA128D4-AN                           | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 128KB FLASH 44TQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 27012 pcs                                 | Data sheet                     | <a href="#">ATXMEGAxx(x)D4 Datasheet</a><br><a href="#">ATXMEGA D Manual</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.6 V ~ 3.6 V                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 44-TQFP (10x10)                           | Speed                          | 32MHz                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AVR® XMEGA® D4                            | RAM Size                       | 8K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 128KB (64K x 16)                                                                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                      | Tray                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 44-TQFP                                   | Oscillator Type                | Internal                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 105°C (TA)                        | Number of I/O                  | 34                                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                  |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2K x 8                                    | Detailed Description           | AVR AVR® XMEGA® D4 Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 44-TQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 12x12b                                | Core Size                      | 8/16-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AVR                                       | Connectivity                   | I²C, IrDA, SPI, UART/USART                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ATXMEGA128                                |                                |                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|-----|
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|  | Part#: <a href="#">ATXMEGA128D4-MH</a><br>Description: IC MCU 8BIT 128KB FLASH 44VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATXMEGA128D4-AUR</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">ATXMEGA128D4-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 44VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">ATXMEGA128D3-AU</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATXMEGA128C3-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |

Related keywords for ATXMEGA128D4-AN

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